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A.D. 1885, 13th MAY. N° 5883.

## PROVISIONAL SPECIFICATION.

## The Application and Use of an Improved Salt in Brewing.

We ARTHUR BOAKE, and FREDERICK GEORGE ADAIR ROBERTS of The Warton Road, Stratford in the County of Essex, Manufacturing Chemists do hereby declare the nature of our Invention for "THE APPLICATION AND USE OF AN IMPROVED SALT IN BREWING," to be as follows:—

- 5 This invention consists in the application and use in brewing, of potassium anhydro-meta-bisulphite.
- The preparation is applied by mixing it with the brewing materials such as malt or sugar, or it may be dissolved in the water used for brewing prior to the water being run into the mash tun, or it may be added to the mash tun at any stage of
- 10 the mashing process, also it may be used at any stage of the brewing process subsequent to mashing, for instance in the copper during boiling the wort, or added to the wort in the cooler after boiling, or to the wort in the fermenting tun, or to the beer after fermentation in the settling backs, or carriage casks; the quantity of the aforesaid material to be employed is about three ounces
- 15 for every quarter of malt, or its equivalent in malt substitutes employed, and this quantity may be either added at one single stage only or distributed over two or more stages of the brewing process.

Dated this 12th day of May 1885.

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JOHN HAYES,  
27, Leadenhall Street, E.C.,  
Agent for Patentees.

See Walter's Draft



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*Boake & Roberts' Application and Use of an Improved Salt in Brewing.*

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COMPLETE SPECIFICATION.

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**The Application and Use of an Improved Salt in Brewing.**

We, ARTHUR BOAKE, and FREDERICK GEORGE ADAIR ROBERTS of the Clonskeagh Works, Warton Road Stratford in the County of Essex Manufacturing Chemists, do hereby declare the nature of our invention for "THE APPLICATION AND USE OF AN IMPROVED SALT IN BREWING" and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:— 5

This Invention consists in the application and use in brewing of potassium anhydrometa or iso-bisulphite, a salt referred to under the name just mentioned, and manufactured by the special process described in our former Specification N° 5882 of the year 1885.

The preparation is applied by mixing it with the brewing materials, such as malt or sugar, or it may be dissolved in the water used for brewing prior to the water being run into the mash-tun, or it may be added to the mash-tun at any stage of the mashing process, also it may be used at any stage of the brewing process subsequent to mashing; for instance, in the copper during the process of boiling the wort, or added to the wort in the cooler after boiling, or to the wort in the fermenting tun or to the beer after fermentation in the settling back or carriage casks; the quantity of the aforesaid material to be employed is about three ounces weight for every quarter of malt, or its equivalents in malt substitutes employed, and this quantity may be either added at one single stage only, or distributed over two or more stages of the brewing process. 10 15 20

Having now particularly described and ascertained the nature of my said Invention, and in what manner the same is to be performed, I declare that what I claim is

The application and use of an improved salt in brewing and substantially as above set forth and described. 25

Dated this first day of December 1885.

JOHN HAYES,  
(Agent for Applicants).

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For Her Majesty's Stationery Office.

1885